



OILFIELD RESEARCH LABORATORIES

536 NORTH HIGHLAND - CHANUTE, KANSAS 66720 - PHONE (316) 431-2650

May 3, 1982

Brown Exploration, Inc.
P. O. Box N
Sedan, Kansas 67361

Gentlemen:

Attached hereto are the results of tests run on the rotary core taken from the Johnson Lease, Well No. 2, located in Section 28, T-34S, R-10E, in Chautauqua County, Kansas.

The core was sampled and sealed in plastic bags by a representative of Oilfield Research Laboratories and was received in our laboratory on April 29, 1982.

Your business is greatly appreciated.

Very truly yours,

OILFIELD RESEARCH LABORATORIES

Sanford A. Michel

SAM/kas

5 c to Sedan, Kansas

- REGISTERED ENGINEERS -

CORE ANALYSIS - WATER ANALYSIS - REPRESSURING ENGINEERING - SURVEYING & MAPPING - PROPERTY EVALUATION & OPERATION

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LOG

Name Brown Exploration, Inc. Lease Johnson Well No. 2

<u>Depth Interval,</u> <u>Feet</u>	<u>Description</u>
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WAYSIDE SAND

1514.0 - 1515.1	Light brown shaly sandstone.
1515.1 - 1516.0	Grayish brown very shaly sandstone.
1516.0 - 1516.7	Grayish brown shaly sandstone.
1516.7 - 1519.7	Gray very shaly sandstone.
1519.7 - 1533.0	Gray shale.

Oilfield Research Laboratories

RESULTS OF SATURATION & PERMEABILITY TESTS

TABLE 1

Company Brown Exploration, Inc. Lease Johnson Well No. 2

Sample No.	Depth, Feet	Porosity Percent	Percent Saturation			Oil Content Bbls. / A Ft.	Perm., Mill.
			Oil	Water	Total		
1	1514.6	13.7	21	56	77	223	3.9
2	1515.5	14.2	18	77	95	198	0.19
3	1516.5	14.5	9	85	94	101	1.3
4	1517.5	16.3	3	90	93	38	Imp.
5	1518.4	12.5	2	93	95	19	Imp.
6	1519.4	10.4	9	87	96	73	Imp.